

# Orifice Fitting

Push-in fitting with fixed flow rate orifice

## ⚠ Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

## Model Designation (Example)



### (1) Tube Fitting

### (2) Type

| Code | C        | L     |
|------|----------|-------|
| Type | Straight | Elbow |

### (3) Tube dia. (øD)

| Code      | mm size (mm) |    |    | inch size (inch) |      |
|-----------|--------------|----|----|------------------|------|
|           | 4            | 6  | 8  | 5/32             | 1/4  |
| Tube O.D. | ø4           | ø6 | ø8 | ø5/32            | ø1/4 |

### (4) Thread size (R)

| Code        | Metric thread | Taper pipe thread | Unified fine thread | NPT       |
|-------------|---------------|-------------------|---------------------|-----------|
|             | <b>M5M</b>    | <b>01</b>         | <b>U10M</b>         | <b>N1</b> |
| Thread size | M5×0.8        | R1/8              | 10-32UNF            | NPT1/8    |

\* M5M and U10M are only for mini type (Tube O.D.: 4, 6mm, 5/32" or 1/4"), and 01 and N1 are only for standard type.

### (5) Wrench size specification

| Code              | No code  | U          |
|-------------------|----------|------------|
| Wrench size spec. | mm spec. | inch spec. |

### (6) Orifice bore

| Code<br>(Orifice bore (mm))                 | 0.1   | 0.2  | 0.3  | 0.4 | 0.5  | 0.6 | 0.7  | 0.8  | 0.9 | 1.0 | 1.1 | 1.2  | 1.3 | 1.4  | 1.5  | 1.6  | 1.7  | 1.8 | 1.9 | 2.0 |
|---------------------------------------------|-------|------|------|-----|------|-----|------|------|-----|-----|-----|------|-----|------|------|------|------|-----|-----|-----|
| Effective sectional area (mm <sup>2</sup> ) | 0.006 | 0.02 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.35 | 0.4 | 0.5 | 0.7 | 0.85 | 1.0 | 1.15 | 1.45 | 1.65 | 1.85 | 2.1 | 2.3 | 2.5 |

\* Orifice bore of mini type is available only up to dia. 1.0 mm. Dia. 8 mm O.D. tube fitting cannot select dia. 0.1 or dia.0.2mm orifice bores.

## Characteristics

### Lower price than needle valve.

Compact design makes it possible to be installed in a small space.

### Orifice bore: ø 0.1 and ø 0.2 mm are also available.

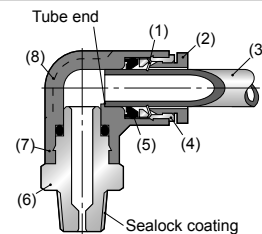
20 types of Orifice bore is selectable. (Min. ø0.1 to Max. ø2.0 mm in increment of 0.1 mm.)

### Installable in tight space.

M5 thread and UNF thread in mini type fitting is best suitable for compact piping.

## Sectional drawing

Elbow: PL



| No. | Parts          | Material                  |
|-----|----------------|---------------------------|
| (1) | Lock claws     | Stainless steel           |
| (2) | Release-ring   | POM                       |
| (3) | Tube           | Polyurethane, Nylon, etc. |
| (4) | Guide ring     | Nickel-plated brass       |
| (5) | Elastic sleeve | NBR                       |
| (6) | Metallic body  | Nickel-plated brass       |
| (7) | O-ring         | NBR                       |
| (8) | Resin body     | PBT                       |

\* The gasket material of M5 or UNF thread is SUS304 + NBR.

## Specifications

|                         |                         |
|-------------------------|-------------------------|
| Fluid medium            | Air                     |
| Max. operating pressure | 1.0 MPa                 |
| Max. vacuum             | -100 kPa                |
| Operating temp. range   | 0 to 60°C (No freezing) |

RoHS2 (2011/65/EU+EU2015/863) compliant

### Metric thread type (Mini type)

| Type                                                                                                               | Model code<br>PCøD-RM-[6]  | Type                                                                                                            | Model code<br>PLøD-RM-[6]  |
|--------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------|
| Straight<br><b>PC</b><br>øD<br> | PC4-M5M-[6]<br>PC6-M5M-[6] | Elbow<br><b>PL</b><br>øD<br> | PL4-M5M-[6]<br>PL6-M5M-[6] |

### Unified thread type (Mini type)

| Type                                                                                                               | Model code<br>PCøD-RM-[6]                                   | Type                                                                                                            | Model code<br>PLøD-RM-[6]                                   |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Straight<br><b>PC</b><br>øD<br> | PC <sup>5/32</sup> -U10M-[6]<br>PC <sup>1/4</sup> -U10M-[6] | Elbow<br><b>PL</b><br>øD<br> | PL <sup>5/32</sup> -U10M-[6]<br>PL <sup>1/4</sup> -U10M-[6] |

### Taper pipe thread type

| Type                                                                                                               | Model code<br>PCøD-R-[6]               | Model code<br>PCøD-RU-[6]                                 | Type                                                                                                            | Model code<br>PLøD-R-[6]               | Model code<br>PCøD-RU-[6]                                 |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------|
| Straight<br><b>PC</b><br>øD<br> | PC4-01-[6]<br>PC6-01-[6]<br>PC8-01-[6] | PC <sup>5/32</sup> -N1U-[6]<br>PC <sup>1/4</sup> -N1U-[6] | Elbow<br><b>PL</b><br>øD<br> | PL4-01-[6]<br>PL6-01-[6]<br>PL8-01-[6] | PL <sup>5/32</sup> -N1U-[6]<br>PL <sup>1/4</sup> -N1U-[6] |



#### Notes

\* For [6] in model code, please select a orifice bore code.



CAD data is available at PISCO website.



Packaging specifications  
10 pcs. /bag



Non-standard options (Refer to page 893 for details)

- Body color option (Light gray)
- Seal rubber options (FKM, EPDM, HNBR)
- Oil-free specification
- Copper free spec.
- Release ring color change (Red)
- ▶ Contact us for the price.



# *Make to Order Production*

## Order Production Index

Based on the standard products, "Special specification option" on parts for matching operating environment or "Special appearance option" for matching a color for operating environment can be selected and ordered by just adding prearranged extension code of options.

\*PISCO welcomes an inquiry of custom-made product, which is not listed in this catalog.  
Please feel free to contact nearest PISCO office.

PISCO flexibly corresponds to non standard products that meet the needs of our customers.



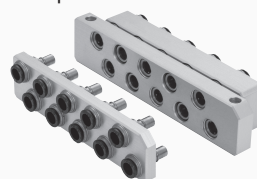
Visit PISCO web site for video about Non-standard products.  
<https://www.pisco.co.jp/en/product/special/>



Tube penetration type  
Tube Fitting



Tube Fitting unequal  
port combinations



Multiple Coupling



Bulk Packaging (Tube Fitting,  
Control, Vacuum Pad)

## G thread spec.



Fittings with mm size tube diameter and parallel pipe thread are available.  
Contact us for inquiry.

● Applicable model

Fitting Tube Fitting, Tube Fitting Mini



## Inch NPT spec.



● Applicable model

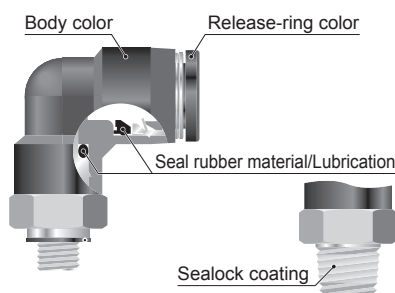
Fitting Tube Fitting, Tube Fitting Mini, Die Temperature Control Fitting, Rotary Joint, High Rotary Joint, Connector, Light Coupling

Control Speed Controller, Speed Controller Large-flow type, Orifice Flow Speed Controller, Throttle (Needle) Valve, Quick Exhaust Valve, Orifice Fitting, Pressure Regulator Push-lock type, Pressure Controller, Check Valve, Pressure Gauge

Valve Change Valve, Hand Valve, Ball Valve, Mechanical Valve



## Special options



### ▶ Color option

Light-gray color option for resin body and release-ring.

### ▶ Seal rubber material option

Seal Rubber Selection: FKM, EPDM or HNBR.

### ▶ Oil-free option

Assembled without intentional use of oil, oil contamination into fluid medium can be prevented.

### ▶ ~~Non-purple option~~

~~Restraining generation of Cu ion or Fe ion from the product.~~

~~With this option, Check Valve and Stop Fitting, etc. do not have marking on the body parts. Please refer to the piping.~~

### ▶ Release-ring color option

Changeable to Red Color

Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

## Model Designation (Example)

**PL6-01** (1) **W** (2) **-F** (3) **-D** (4) (5)

(1) **Model code** (See the next page for available products.)

(2) **Body color** (Resin body color)

| Code  | W          | No code  |
|-------|------------|----------|
| Color | Light gray | Standard |

\*When light-gray (W) is selected for body color, the metric (mm) size release-ring color is light-gray even for combination with any other options (except when red release-ring is specified). The color of release-ring of inch tube dia. is always white.

(3) **Seal rubber material**

| Code     | -F  | -E              | -HN  | No code              |
|----------|-----|-----------------|------|----------------------|
| Material | FKM | EPDM (Oil-free) | HNBR | Standard seal rubber |

\*1. For FKM (-F) specification, the color of metric (mm) size release-ring is brown, while inch tube dia. is white. FKM (-F) specification is not available with non-purple (-P) specification.  
\*2. For EPDM (-E) specification, the product is assembled as oil-free specification. The color of metric (mm) release-ring is yellow.  
\*3. EPDM (-E) specification can not be selected for the products with M3 or M6 threads or with inch tube dia.

(4) **Lubrication**

| Code   | -D       | <del>-P</del>         | No code  |
|--------|----------|-----------------------|----------|
| Option | Oil-free | <del>Non-purple</del> | Standard |

\*1. The metric (mm) size release-ring color of oil-free (-D) specification is yellow, while inch tube dia. is white.  
\*2. The product with oil-free (-D) specification is assembled without intentional use of lubrication in standard process. Therefore the problem of reducing airtightness or increasing frictions of rubber parts may be resulted.

~~\*3. Non-purple (-P) option is not available with seal rubber material FKM. The Seal lock coating for Non-purple option.~~

Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

(5) **Release-ring color**

| Code  | -RR | No code  |
|-------|-----|----------|
| Color | Red | Standard |

## Reference Chart of Special Options

○: Available, ×: Not available

| Product series                                       | Standard specification                       |                  |                    |                          |             |                 | Special specification |                        |                       |                  |                     |                  |                    |   |
|------------------------------------------------------|----------------------------------------------|------------------|--------------------|--------------------------|-------------|-----------------|-----------------------|------------------------|-----------------------|------------------|---------------------|------------------|--------------------|---|
|                                                      | Body color and Packaging/<br>Cleaning option | Resin body color | Release-ring color | Seal rubber material     | Lubrication | Thread sealing  | (1)                   | (2)                    |                       |                  | (3)                 |                  | (4)                |   |
|                                                      |                                              |                  |                    |                          |             |                 | Body color            | Seal rubber material   |                       |                  | Lubrication         |                  | Release-ring color |   |
|                                                      |                                              |                  |                    |                          |             |                 | Light gray            | FKM                    | EPDM                  | HNBR             | Oil-free option     | Non-purple       | Red                |   |
|                                                      |                                              |                  |                    |                          |             |                 | W <sup>*1</sup>       | -F <sup>*2</sup>       | -E <sup>*3</sup>      | -HN              | -D <sup>*4</sup>    | -F <sup>*2</sup> | -RR                |   |
| Tube fitting                                         | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*5</sup>        | ○                     | ○                | ○                   | ○                | ×                  |   |
|                                                      | Light gray                                   | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      | ○ <sup>*6</sup>       |                  | ○                   | ○                |                    |   |
|                                                      | Clean-room pkg.                              | Light gray       | Light blue         |                          |             |                 | ×                     | ○                      | ○ <sup>*6</sup>       |                  | ○                   | ×                |                    |   |
|                                                      | Light gray + Clean-room pkg.                 | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      | ○                     |                  | ○                   | ×                |                    |   |
|                                                      | Clean wash + Clean-room pkg.                 | Light gray       | Light blue         |                          |             |                 | ×                     | ×                      | ○ <sup>*6</sup>       |                  | Standard spec.      | ○                |                    |   |
| Tube fitting Mini                                    | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*5,*10</sup>    | ○ <sup>*10</sup>      | ○ <sup>*10</sup> | ○                   | ○                | ○                  |   |
|                                                      | Light gray                                   | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○ <sup>*10</sup>       | ○ <sup>*6,*10</sup>   |                  | ○ <sup>*6</sup>     | ×                |                    |   |
|                                                      | Clean-room pkg.                              | Light gray       | Light blue         |                          |             |                 | ×                     | ○ <sup>*10</sup>       | ○ <sup>*6,*10</sup>   |                  | ○                   | ×                |                    |   |
|                                                      | Light gray + Clean-room pkg.                 | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○ <sup>*10</sup>       | ○ <sup>*10</sup>      |                  | ○                   | ×                |                    |   |
| Tube Fitting SUS304                                  | Standard                                     | Black            | Dark blue          | FKM                      | Turbin oil  | Sealock coating | ×                     | Standard spec.         | ○ <sup>*7</sup>       | ○                | ○ <sup>*7</sup>     | ×                | △ <sup>*17</sup>   |   |
| Tube Fitting Stainless SUS303 equivalent corrosivity | Standard                                     | Black            | Dark blue          | HNBR                     | Turbin oil  | Sealock coating | ○                     | ○                      | ○ <sup>*7,*15</sup>   | Standard spec.   | ○ <sup>*7</sup>     | ○                | ○                  |   |
|                                                      | Clean wash + Clean-room pkg.                 | Black            | Dark blue          |                          |             |                 | Oil-free option       | ×                      | ×                     |                  | ○ <sup>*7,*15</sup> | Standard spec.   |                    | × |
| Tube Fitting Anti-static                             | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○                      | ○ <sup>*8</sup>       | ○                | ○ <sup>*8</sup>     | ○                | △ <sup>*17</sup>   |   |
| Tube fitting Brass                                   | Standard                                     | —                | —                  | HNBR                     | Turbin oil  | Sealock coating | ×                     | —                      | ×                     | Standard spec.   | ○                   | ○                | ×                  |   |
|                                                      |                                              |                  |                    | FKM                      |             |                 | Standard spec.        | —                      |                       |                  |                     |                  |                    |   |
| Tube fitting Long                                    | Standard                                     | —                | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*5</sup>        | ○                     | ○                | ○                   | ○                | ○                  |   |
| Main block                                           | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*5</sup>        | ○                     | ○                | △ <sup>*17</sup>    | ×                | ○                  |   |
|                                                      | Light gray                                   | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      |                       |                  |                     |                  |                    |   |
| Connector                                            | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | —               | ×                     | ○ <sup>*5</sup>        | ○                     | ○                | ○                   | ×                | ○                  |   |
| Speed controller <sup>*14</sup>                      | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*13</sup>       | ○ <sup>*10</sup>      | ○                | △ <sup>*17</sup>    | ○                | ○                  |   |
|                                                      | Light gray                                   | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      | ○ <sup>*6,*10</sup>   |                  |                     | ×                |                    |   |
|                                                      | Clean-room pkg.                              | Light gray       | Light blue         |                          |             |                 | ×                     | <sup>*10,*11,*12</sup> | ○ <sup>*6,*10</sup>   |                  |                     | ○ <sup>*10</sup> |                    | × |
|                                                      | Light gray + Clean-room pkg.                 | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○ <sup>*10</sup>       | ○ <sup>*10</sup>      |                  |                     | ×                |                    |   |
| Speed controller SUS303 equivalent corrosivity       | Standard                                     | Black            | Dark blue          | HNBR                     | Turbin oil  | Sealock coating | ○                     | ○ <sup>*11,*12</sup>   | ○ <sup>*7</sup>       | Standard spec.   | △ <sup>*17</sup>    | ○                | ○                  |   |
| Needle valve                                         | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○ <sup>*5,*12</sup>    | ○                     | ○                | △ <sup>*17</sup>    | ○                | ○                  |   |
|                                                      | Light gray                                   | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      | ○ <sup>*6</sup>       |                  |                     | ×                |                    |   |
|                                                      | Clean-room pkg.                              | Light gray       | Light blue         |                          |             |                 | ×                     | ○ <sup>*12</sup>       | ○                     |                  |                     | ×                |                    |   |
|                                                      | Light gray + Clean-room pkg.                 | Light gray       | Light gray         |                          |             |                 | Standard spec.        | ○                      | ○                     |                  |                     | ×                |                    |   |
| Orifice fitting                                      | Standard                                     | Black            | Black              | NBR                      | Turbin oil  | Sealock coating | ○                     | ○                      | ○                     | ○                | ○                   | ○ <sup>*16</sup> | ○ <sup>*9</sup>    |   |
| Check valve (Metal type)                             | Standard                                     | —                | Black              | NBR                      | Turbin oil  | Sealock coating | ×                     | ○                      | ×                     | ×                | △ <sup>*17</sup>    | ○                | ○                  |   |
| Check valve (Resin type)                             |                                              | Light gray       | Light gray         |                          |             |                 | Standard spec.        |                        |                       |                  |                     |                  |                    |   |
| Check Valve for Low Operating Pressure               | Standard                                     | Light gray       | Light gray         | HNBR<br>(Elastic sleeve) | Turbin oil  | —               | Standard spec.        | ○<br>(Elastic sleeve)  | ○<br>(Elastic sleeve) | Standard spec.   | ○                   | ×                | ○                  |   |
|                                                      |                                              |                  |                    | FKM<br>(Valve packing)   |             |                 |                       | Standard spec.         | ×                     | ×                |                     |                  |                    |   |

\*1. When light-gray (-W) is selected for body color, the release-ring color of metric (mm) tube dia. is light-gray even for combination with any other options, except when Red color (-RR) is selected. The color of release-ring of inch tube dia. is always white.

\*2. Non-purple spec. option is not available with seal rubber material FKM.

\*3. For EPDM (-E) specification of sealing material, the product is assembled as oil-free specification. The color of release-ring of metric (mm) tube size is yellow, except the combination with light-gray specification, which has light-gray release-ring. EPDM (-E) specification is not available for the products with M3 or M6 threads or inch tube dia.

\*4. Release-ring color: Yellow (When with light-gray specification, the release-ring color is light-gray.)

\*5. Release-ring color: Brown

\*6. Release-ring color: Light-blue

\*7. Release-ring color: Dark-blue

\*8. Release-ring color: Black

\*9. Release-ring color: Red is not available with body color Light-gray.

\*10. Not available for Tube dia. ø1.8 mm and ø2 mm.

\*11. Not available for Low cracking pressure type.

\*12. Not available for the products with M3 thread.

\*13. See \*5, \*10, \*11 and \*12.

\*14. Applicable types: JSC, JSS and JSM for Standard series, JSC-H for High Flow series, JSC-L and JSS-L for Low Flow series, JKC and JKL for Constant Flow series.

\*15. Gasket material for Metric thread : PPS

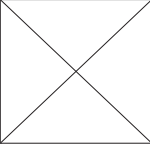
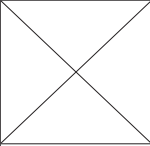
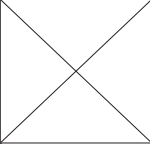
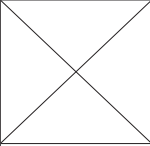
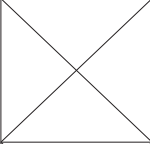
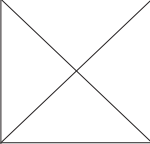
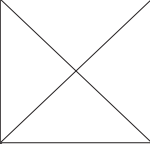
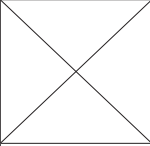
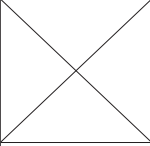
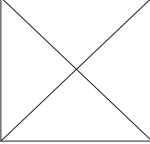
\*16. Orifice bore 0.1 mm and 0.2 mm is not available.

\*17. Contact us for inquiry.

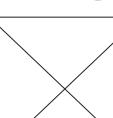
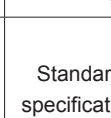
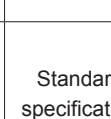
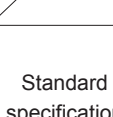
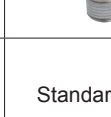
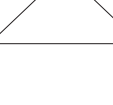
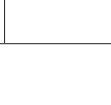
Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

\*Consult PISCO for any inquiry of special-made product, which is not listed in this catalog.

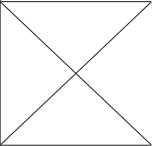
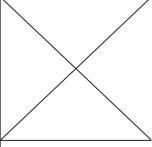
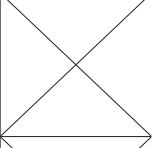
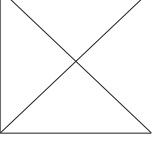
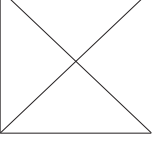
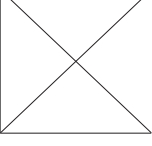
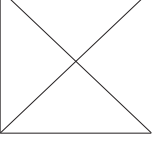
Reference Chart of Appearance Color Combination with Special Options (Fitting with Metal body)

| Product series                                             | Resin color or Option        | Tube dia. size |                                                                                     | Seal rubber material                                                                 |                                                                                       | Lubrication                                                                           | Release-ring color                                                                    |
|------------------------------------------------------------|------------------------------|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                            |                              |                |                                                                                     | -F                                                                                   | -E                                                                                    | -D                                                                                    | -RR                                                                                   |
|                                                            |                              |                |                                                                                     | FKM                                                                                  | EPDM                                                                                  | Oil-free option                                                                       | Red                                                                                   |
| Tube fitting<br>Tube fitting Mini                          | —                            | mm size        |    |     |    |    |    |
|                                                            |                              | inch size      |    |     |    |    |    |
|                                                            | Light gray                   | mm size        |    |     |    |    |    |
|                                                            | Clean-room pkg.              | mm size        |    |     |    |    |    |
|                                                            |                              | inch size      |   |    |   |   |   |
|                                                            | Light gray + Clean-room pkg. | mm size        |  |   |  |  |  |
| Tube fitting                                               | Clean wash + Clean-room pkg. | mm size        |  |  |  | Standard specification                                                                |  |
|                                                            |                              | inch size      |  |  |  | Standard specification                                                                |  |
| Tube Fitting SUS304                                        | —                            | mm size        |  | Standard specification                                                               |  |  |  |
| Tube Fitting<br>Stainless SUS303<br>equivalent corrosivity | —                            | mm size        |  |   |  |  |  |
|                                                            | Light gray                   | mm size        |  |   |  |  |  |
|                                                            | Clean wash + Clean-room pkg. | mm size        |  |  |  | Standard specification                                                                |  |

## Reference Chart of Appearance Color Combination with Special Options (Fitting with Resin body)

| Product series                                             | Resin color or Option        | Tube dia. size | Seal rubber material                                                                |                                                                                      | Lubrication                                                                           | Release-ring color                                                                    |
|------------------------------------------------------------|------------------------------|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                            |                              |                | -F                                                                                  | -E                                                                                   | -D                                                                                    | -RR                                                                                   |
|                                                            |                              |                | FKM                                                                                 | EPDM                                                                                 | Oil-free option                                                                       | Red                                                                                   |
| Tube fitting<br>Tube fitting Mini                          | —                            | mm size        |    |    |    |    |
|                                                            |                              | inch size      |    |    |    |    |
|                                                            | Light gray                   | mm size        |    |    |    |    |
|                                                            |                              | inch size      |    |    |    |    |
|                                                            | Clean-room pkg.              | mm size        |   |   |   |   |
|                                                            |                              | inch size      |  |  |  |  |
|                                                            | Light gray + Clean-room pkg. | mm size        |  |  |  |  |
|                                                            |                              | inch size      |  |  |  |  |
|                                                            | Clean wash + Clean-room pkg. | mm size        |  |  |  |  |
|                                                            |                              | inch size      |  |  |  |  |
|                                                            | Clean wash + Clean-room pkg. | mm size        |  |  |  |  |
|                                                            |                              | inch size      |  |  |  |  |
| Tube fitting                                               | Clean wash + Clean-room pkg. | mm size        |  |  |  |  |
|                                                            |                              | inch size      |  |  |  |  |
| Tube Fitting SUS304                                        | —                            | mm size        |  |  |  |  |
| Tube Fitting<br>Stainless SUS303<br>equivalent corrosivity | —                            | mm size        |  |  |  |  |
|                                                            | Light gray                   | mm size        |  |  |  |  |
|                                                            | Clean wash + Clean-room pkg. | mm size        |  |  |  |  |

Reference Chart of Appearance Color Combination with Special Options (Controllers)

| Product series                              | Resin color or Option           | Tube dia. size |                                                                                     | Seal rubber material                                                                |                                                                                       | Release-ring color                                                                    |
|---------------------------------------------|---------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                             |                                 |                |                                                                                     | -F                                                                                  | -E                                                                                    | -RR                                                                                   |
|                                             |                                 |                |                                                                                     | FKM                                                                                 | EPDM                                                                                  | Red                                                                                   |
| Speed controller<br>Throttle (needle) valve | —                               | mm size        |    |    |    |    |
|                                             |                                 | inch size      |    |    |    |    |
|                                             | Light gray                      | mm size        |    |    |    |    |
|                                             |                                 | inch size      |    |    |    |    |
|                                             | Clean-room pkg.                 | mm size        |   |   |   |   |
|                                             |                                 | inch size      |  |  |  |  |
|                                             | Light gray +<br>Clean-room pkg. | mm size        |  |  |  |  |
|                                             |                                 | mm size        |  |  |  |  |
|                                             |                                 | mm size        |  |  |  |  |
|                                             |                                 | mm size        |  |  |  |  |

To: PISCO Distributors  
 Attn: To Whom It May Concern  
 Date: September 2024

## Discontinuation notice of Non-purple spec. option

We would like to express our sincere gratitude for your continued patronage.  
 We would like to inform you that the Non-purple spec., which was available as Special specification option, is discontinued, and its manufacturing and sales will be terminated as of the end of March, 2025.  
 Thank you for your understanding.

### Details

1. Discontinued option    Make-to-order option, Special specification: Non-purple spec.  
                                   Model code (Ex.): PL6-01-**P**  
                                   \*\*"-P" at the end of the model code  
  
                                   Non-purple spec: For the Non-purple spec., fluorine ions and copper ions, which were undesirable in the manufacturing line of cathode ray tube televisions, are suppressed by not applying Sealock (fluorine-based thread sealant) to the products. Thus, Non-purple spec. is equivalent to No-Sealock spec.
2. Reason                      To update and expand applicable products by reviewing specifications to match the current situation.
3. Discontinuation Date    **March 31, 2025**
4. Replacement              Make-to-order option, Special specification: No-Sealock spec.  
                                   Model code (Ex.): PL6-01-**NS**  
                                   \*\*"-NS" at the end of the model code  
                                   \*The list price remains the same.

|              |                    | Thread sealant<br>(Sealock) | Rubber material<br>(Std. NBR)            | Gasket material<br>(Std. NBR) | Lubrication<br>(Std. Turbine oil) | Marking          | Applicable products                                             |
|--------------|--------------------|-----------------------------|------------------------------------------|-------------------------------|-----------------------------------|------------------|-----------------------------------------------------------------|
| Discontinued | -P:<br>Non-purple  | Not applied                 | Fluorine materials are not selectable.   |                               |                                   | Not available    | Some models of Tube Fitting                                     |
| Replacement  | -NS:<br>No-Sealock | Not applied                 | Fluorine materials are <b>selectable</b> |                               |                                   | <b>Available</b> | Tube Fitting, Speed Controller, Needle Valve, Check Valve, etc. |

Please make inquiries to the following sales office.

|                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overseas Sales Department<br>TEL: +81-265-76-7751    FAX: +81-265-76-3305<br>E-mail: <a href="mailto:intl@pisco.co.jp">intl@pisco.co.jp</a> URL: <a href="https://pisco.co.jp/en/">https://pisco.co.jp/en/</a> |
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